SONY
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VPCF21AFX/BI

INTEL® CORE™ I7 PROCESSOR

Whether it's HD or 3D, multitasking or multimedia, this processor can handle it all with headroom to spare. Its top-of-the-line adaptable speed is complemented by Intel® Turbo Boost Technology 2.0 which adapts processor speed for more performance when you need it. Combined with our richest set of features, the 2nd generation Intel® Core™ i7 processor is the ideal choice for visibly smart performance at its best.

3D TECHNOLOGY

Fusing cutting-edge technologies in an elegant design, the VAIO® F Series 3D laptop delivers a superior viewing experience in Full HD 1080p in 2D and 3D. Packed with a high frame rate LCD technology, this 3D laptop delivers incredibly high contrast levels and vibrant colors. Plus, a built-in 3D sync transmitter and included 3D Active Glasses let you enjoy 3D movies, photos and videos in Full HD 1080p picture quality.

Slide on the 3D Active Glasses and watch as images leap right into your lap. Sporting high-speed synching with 3D images and an ultra-high contrast ratio, these glasses greatly reduce unwanted "ghosting" effects known as crosstalk. Adjustable and comfortable, they are designed with side panels to block out excess light that creates annoying glare on other glasses. Better yet, they fit over prescription eyewear, and feature batteries that last up to 100 hours[4].

THE NEED FOR SPEED

Utilizing an ultra-fast, 240Hz refresh rate with high-speed precision, VAIO® F Series 3D laptop can display two frames, one for the left eye and one for the right, delivering a seamlessly smooth motion without the introduction of judder.

WATCH BLU-RAY DISC™ MOVIES

The versatile Blu-ray Disc™ writer on the VAIO® F Series laptop combines the power of HD Blu-ray Disc™ video playback with the convenience and utility of read/write functionalities. The best picture. The best sound. With its stunning clarity, 3D Blu-ray Disc™ technology is the ultimate way to enjoy your entertainment.

SOUND

You don't need a complete home theater system to get vibrant sound. With the S-Force™ Front Surround 3D system, you can enjoy an extended stereo effect plus simulated 5-channel surround sound, making it the perfect companion to 3D entertainment.

FULL 1080P LCD TECHNOLOGY

With a 1920 X 1080 resolution widescreen display, you can view your games and movies in impeccable detail with amazing color and contrast.

The F Series 3D laptop in Full HD 1080p creates an immersive viewing experience with images so realistic you feel like you are part of the action whether you watch in 2D or 3D. And it's loaded for all-out performance with a quad core Intel® Core™ i7 processor, 1GB dedicated NVIDIA® GeForce® graphics and 6GB RAM.

Windows 7

NVIDIA GeForce

1920 x 1080 Full HD 3D

Blu-ray Disc™

ENERGY STAR

VPCF21AFX/BI

Specifications

General

Action Buttons: VAIO, ASSIST, 3D Mode, Play/Pause, Stop, Next, Previous, Wireless On/Off

Pointing Device: Electrostatic Touchpad (Multi-Finger)

Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch

Camera: Built-in HD camera powered by Exmor™ and microphone

10-Key Numeric Pad: Yes

Backlit Keyboard: Yes

Processor

Type: Intel® Core™ i7-2720QM

Speed: 2.20GHz[1] with Turbo Boost Technology[11] up to 3.30GHz[1]

Technology: Quad Core

Cache: 6MB

Memory

Installed: 6GB (4GB + 2GB)

Type/Speed: DDR3-1333MHz

Max. Memory: 8GB

Optical Drive

Type: Blu-ray Disc™ Drive

Audio

Sound System: Intel® High Definition Audio with Dolby® Home Theater Technology

Display

Screen Size: 16.0"

Resolution: 1920 x 1080

Technology: 3D, Full HD

Back Light Technology: LED

Graphics

Graphics Processor: NVIDIA® GeForce® GT 540M

Graphics Video RAM: 1GB dedicated

Inputs and Outputs

Memory Stick® Media Slot: 1

Microphone Input: 1

VGA Output(s): 1

DC-In: 1

HDMI™ Output(s): 1

Secure Digital (SD) Slot: 1

USB 2.0: 1

USB 3.0: 2

Headphone Output: 1

Power

Battery Type: Standard Capacity Lithium-Ion Battery

DVD Playback: up to 2.0 hours[4]

Default Brightness: up to 3.0 hours[4]

Maximum Brightness: up to 2.5 hours[4]

Start-up Times

Average Boot Time: 60 seconds

Average Resume Time from Suspend: 2 seconds

First Boot Time: 5 minutes

Wireless/Networking

Ethernet Protocol: 10baseT/100baseTX/1000baseT

Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)

WiFi Adapter: Atheros® 802.11b/g/n

Software

Operating System: Genuine Windows® 7 Home Premium 64-bit

Supplied Software: Microsoft® Office Starter with reduced-functionality versions of Word and Excel, VAIO Care™ , Media Gallery™ , PMB - VAIO edition[5]

Anti-Virus Software: Norton Internet Security™ 2011 30-Day Trial Offer[7]

Adobe Creative Software: Adobe Acrobat Standard 9.0, Adobe Photoshop® Elements 8.0, Adobe Premiere® Elements 8.0[5]

Service and Warranty Information

Onsite/In-Home Service: yes[8]

International Service: Yes

Limited Warranty Term: 1 Year Limited Warranty. See actual warranty for details.

Environmental Information

RoHS®: Compliant

Dimensions

Weight: 7.07 lbs. (with Standard Capacity Battery)

Measurements: 15.69" (W) x 1.34"-1.79" (H) x 10.69" (D)

Supplied Accessories

3D Glasses (TDG-BR100)

Standard Capacity Lithium-Ion Battery (5000mAh)

AC Adapter

Power Cord

Color: Black

UPC Code: 027242826359

1. GHz denotes microprocessor internal clock speed and may vary.
2. 1 GB = 1 billion bytes. Actual formatted capacity will be less.
3. Viewable area measured diagonally.
4. Estimates only based upon Sony engineering testing. Actual performance will vary based on notebook settings, environmental conditions, and usage. Battery capacity decreases over time and use.
5. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long distance charges may apply.
6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.
7. Norton Internet Security™ 2011 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
8. Availability may be limited. See limited warranty for details.
9. HDMI cable sold separately.
10. Excluding end user interaction.
11. Requires TV adapter and compatible television. Does not support Blu-ray® disc or other protected content playback.
12. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and i7 processors. Performance varies depending on hardware, software and system configuration.
13. Available on select Intel® Core™ processors. Requires an Intel® HT Technology enabled system. Performance will vary depending on the specific hardware and software used.
14. Mobile broadband service sold separately.
15. Compatible camera and supporting media sold separately.
16. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.

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